

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/012245

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A47L25/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A47L A46B B65D A45D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 10 73 997 B (MATTHESIUS, B.) 28 January 1960 (1960-01-28) column 2, line 47 - column 4, line 23 figures	1,2,5-7
Y		3,4
Y	US 5 100 252 A (PODOLSKY, G.) 31 March 1992 (1992-03-31) abstract column 2, line 15 - line 24 column 2, line 36 - column 3, line 11 column 3, line 34 - line 40 figures 1-4,11,12	3
Y	GB 2 205 486 A (MEAD, D.) 14 December 1988 (1988-12-14) figure 3	4
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

21 February 2005

Date of mailing of the international search report

04/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Cabral Matos, A

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/012245

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CH 275 977 A (BEBIÉ, DR. R.) 15 June 1951 (1951-06-15) page 1, line 45 - page 2, line 19 page 2, line 69 - line 71 figures	1-7
A	FR 669 856 A (KEMPF, J.) 21 November 1929 (1929-11-21) the whole document	1-7
A	FR 2 770 109 A (RISDON SA) 30 April 1999 (1999-04-30) abstract figures 7,8	1-7
A	US 2 748 991 A (MCCARTHY, R. L.) 5 June 1956 (1956-06-05) the whole document	1-7

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/012245

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 1073997	B	NONE	
US 5100252	A	31-03-1992	NONE
GB 2205486	A	14-12-1988	NONE
CH 275977	A	15-06-1951	NONE
FR 669856	A	21-11-1929	NONE
FR 2770109	A	30-04-1999	FR 2770109 A1 30-04-1999
US 2748991	A	05-06-1956	NONE